National Load Despatch Centre Total Transfer Capability for February 2020

Issue Date: 07th February 2020

Issue Time: 1230 hrs

Revision No. 8

Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments		
	1st February	00-06				195	1805				
NR-WR*	2020 to 29th	06-18	2500	500	2000	250	1750				
	February 2020	18-24				195	1805				
			00-06	14900	500	14400	10275	4125			
		00-06	13950**	500	13450**	9325**	4125**				
	1st February		14900		14400	10664	3736				
	2020 to 5th	06-18		500							
	February 2020		13950**		13450**	9714**	3736**				
			14900		14400	10275	4125				
		18-24	1005044	500	10450.000						
			13950**		13450**	9325**	4125**				
		00-07	16150	500	15650	10275	5375				
		00-07	15200**	500	14700**	9325**	5375**				
			13650		13150	10275	2875				
WR-NR*			R*	07-24		500					
			12700**		12200**	9325**	2875**				
	7th February	00.24	13650	500	13150	10275	2875				
	2020 to 20th	00-24	12700**	* 500	12200**	9325**	2875**				
	February 2020		16150		15650	10275	5375				
		00-06	10150	500	15050	10275	5575				
			15200**		14700**	9325**	5375**				
	21st February		16150		15650	10664	4986				
	2020 to 29th	06-18		500							
	February 2020		15200**		14700**	9714**	4986**				
		18-24	16150	500	15650	10275	5375				
		10 24	15200**	500	14700**	9325**	5375**				
	1st February	00-06	2000	200	1800	193	1607	4			
NR-ER*	2020 to 29th February 2020	06-18 18-24	2000 2000	200	1800 1800	303 193	<u>1497</u> 1607	4			
ER-NR*	1st February 2020 to 29th	00-24	5250	300	4950	4050	900				
	February 2020										
	1st February										
W3-ER	2020 to 29th February 2020	00-24				No limit i	is being specified.				
ER-W3	1st February 2020 to 29th February 2020	00-24				No limit i	is being specified.				
		0.0.0-	CO TO		6450						
	1st February	00-05	6950		6450		2415				
	2020 to 04th	05-22	6950	500	6450	4035	2415				
	February 2020	22-24	6950		6450		2415				
		00-05	6950		6450		2415				
WD CD	5th February	05-730	6950	500	6450	4025	2415				
WR-SR	2020 and 6th February 2020	730-22	6000	500	5500	4035	1465				
	1 coruary 2020	22-24	6000		5500		1465				
	74h E-1	00-05	6950		6450		2415				
	7th February 2020 to 29th	05-22	6950 6950	500	6450	4035	2415				
	February 2020			500							
	j 	22-24	6950		6450		2415				

National Load Despatch Centre Total Transfer Capability for February 2020

Issue Date	: 07th February	v 2020	Issu	e Time: 123	30 hrs		Revision No. 8			
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments	
SR-WR *	1st February 2020 to 07th February 2020	00-24				No limit i	s being Specified.	I		
	01st Eshmany	00-06				2663	3037			
ER-SR	01st February 2020 to 07th	06-18	5950	250	5700	2748	2952			
	February 2020	18-24	1			2663	3037			
		00-06	- 5950		5700	2663	3037			
ER-SR	08th February	06-830	- 3930	250	5700	2748	2952			
LK-SK	2020	830-18	- 5650	230	5400	2748	2652	-300	Revised due to shutdown of 400kV Angul-Bolangir line.	
		18-24	5050			2663	2737	-300	8 8	
	09th February	00-06				2663	3037			
ER-SR	2020 to 29th	06-18	5950	250	5700	2748	2952			
	February 2020	18-24				2663	3037			
SR-ER *	1st February 2020 to 29th February 2020	00-24				No limit i	s being Specified.			
		00-17	1570		1525		1191			
ER-NER	1st February 2020 to 29th	17-23	1150	45	1105	. 334	771			
	February 2020	23-24	1570		1525		1191			
		00-17	2770		2725		2725			
NER-ER	1st February 2020 to 29th	17-23	2700	45	2655	0	2655			
	February 2020	23-24	2770		2725		2725			
W3 zone Injection	1st February 2020 to 29th February 2020	00-24							port would be revised accordingly)	
Regional Se	ction in Monthly	ATC.			-			-	n NLDC website under Intra-	
	ent (50 %) Counte		efit on accour	nt of LTA/MT	OA transaction	ns in the reverse di	rection would be c	onsidered fo	or advanced transactions (Bilateral a	

First Come First Serve).

**Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
 W3 comprises of the following regional entities :

a) Chattisgarh Sell transaction, b) Jindal Power Limited (JPL) Stage-I & Stage-II, c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak f) BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) Korba, j) Sipat, k) KSK Mahanadi, L)DB Power, m) KWPCL, n)Vandana Vidyut o)RKM, p)GMR Raikheda, q)Ind Barath and any other regional entity generator in Chhattisgarh

The figure is based on LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissionned the LTA/MTOA utilized would vary. RLDC/NLDC would factor this situation on day-ahead basis. In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.

National Load Despatch Centre Total Transfer Capability for February 2020

Issue Date: 07th February 2020			Issue Time: 1230 hrs			Revision No. 8				
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments	
	C Revision due t value will be rev			er restoration	of shutdown.					
2) The TTC v	value willl be rev	ised to nori	nal values if t	he shutdown i	is not being ava	ailed in real time.				
Real Time T	FC/ATC revision	s are uploa	ded on POSO	CO/NLDC "N	News Update"	(Flasher) Section				
Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of WR-SR and ER-SR corridor has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.										
In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka SLDC by taking appropriate measures.										

Simultaneous Import Capability

$\mathbf{NR} = \begin{bmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0$	Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments	
$\mathbb{NR} = \begin{bmatrix} 0.6-09 & 21900 \\ 20950^{**} \\ 20400 \\ 20950^{**} \\ 12820 \\ 17-18 \\ 18900^{**} \\ 19850 \\ 18-24 \\ 18900^{**} \\ 18850 \\ 18-24 \\ 18900^{**} \\ 18900^{**} \\ 18950 \\ 18100^{**} \\ 13764^{**} \\ 1950 \\ 14325 \\ 1950 \\ 14325 \\ 22100 \\ 13375^{**} \\ 13375^{**} \\ 13375^{**} \\ 13375^{**} \\ 13375^{**} \\ 1950 \\ 14325 \\ 22950 \\ 14325 \\ 22950 \\ 14714 \\ 8236 \\ 13375^{**} \\ 13375^{**} \\ 1950 \\ 14325 \\ 22950 \\ 14714 \\ 8236 \\ 13764^{**} \\ 13375^{**} \\ 1950 \\ 14714 \\ 8236 \\ 12150^{**} \\ 13764^{**} \\ 1950 \\ 14714 \\ 8236 \\ 12150^{**} \\ 13764^{**} \\ 1950 \\ 14714 \\ 8236 \\ 1250 \\ 14714 \\ 14714 \\ 1250 \\ 14714 \\ 17400 \\ 14714 \\ 18200 \\ 17700 \\ 14714 \\ 17400 \\ 14714 \\ 2686 \\ 16450^{**} \\ 13764^{**} \\ 13764^{**} \\ 1950 \\ 14714 \\ 2686 \\ 16450^{**} \\ 13764^{**} \\ 13764^{**} \\ 1950 \\ 14714 \\ 2686 \\ 16450^{**} \\ 13754^{**} \\ 17400 \\ 14714 \\ 2686 \\ 16450^{**} \\ 13754^{**} \\ 17400 \\ 14714 \\ 2686 \\ 17700 \\ 14714 \\ 2686 \\ 17700 \\ 14714 \\ 2686 \\ 17400 \\ 14714 \\ 4536 \\ 18000 \\ 17400 \\ 14714 \\ 4536 \\ 18000 \\ 17400 \\ 14714 \\ 4536 \\ 1800 \\ 17700 \\ 14714 \\ 4536 \\ 1800 \\ 17400 \\ 14714 \\ 4536 \\ 1800 \\ 17400 \\ 14714 \\ 4536 \\ 1800 \\ 17400 \\ 14714 \\ 2686 \\ 13764^{**} \\ 13764^{**} \\ 13764^{**} \\ 13764^{**} \\ 1950 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 4536 \\ 18000 \\ 17700 \\ 14714 \\ 2686 \\ 14714 \\ 4536 \\ 1800 \\ 1770 \\$			00-06					5275			
NR 66-9 202010 s 5h February 2020 06-92 09-17 19450** 20400 19450** 800 13764*** 6386 18-24 18-24 19850 13764** 4886 1 18-24 19850 13764** 4336 1 18-24 1990* 13764** 4336 1 18-24 1990* 13754** 4336 1 18-24 1990 14325 4725 1 1900* 13375** 1 1 1 1 00-06 21150** 22100 14325 6975 1 1910** 22500** 13375** 4536 1 1 06-07 22500** 13376** 4536 1											
$\mathbf{NR} = \begin{bmatrix} 1 \text{ st February} \\ 2020 \text{ to 5th} \\ February 2020 \\ 12450^{**} \\ 17.18 \\ 18900^{**} \\ 18850 \\ 17.18 \\ 18900^{**} \\ 18850 \\ 18.24 \\ 18900^{**} \\ 18.24 \\ 18900^{**} \\ 18.24 \\ 18900^{**} \\ 18100^{**} \\ 19050 \\ 14325 \\ 19050 \\ 14325 \\ 47$			06-09					6386			
$\mathbf{NR} = \begin{bmatrix} 2020 \ 10 \ 5n \\ February 2020 \\ 17.18 \\ 18900** \\ 17.18 \\ 18900** \\ 18950 \\ 18-24 \\ 18900** \\ 18900** \\ 18950 \\ 18-24 \\ 18900** \\ 18100** \\ 13375** \\ 18100** \\ 13375** \\ 18100** \\ 13375** \\ 18100** \\ 13375** \\ 2010 \\ 1810** \\ 13375** \\ 2010 \\ 1810** \\ 13375** \\ 2010 \\ 1150** \\ 22950 \\ 14714 \\ 8236 \\ 22950 \\ 14714 \\ 8236 \\ 22950 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 19250 \\ 14714 \\ 11740 \\ 14325 \\ 19250 \\ 14714 \\ 11740 \\ 14325 \\ 11740 \\ 11740 \\ 14325 \\ 11740 \\ 11740 \\ 14325 \\ 11740 \\ 11740 \\ 14325 \\ 11740 \\ 11740 \\ 14325 \\ 11740 \\ 11740 \\ 14325 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 11740 \\ 11740 \\ 14325 \\ 1005 \\ 1375* \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1376 \\ 1005 \\ 1375 \\ 1005 \\ 1376 \\ 1005 \\ 1375 \\ 1005 \\ 1376 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 \\ 1375 \\ 1005 $		1st February									
$\mathbf{NR} = \begin{bmatrix} 17.18 \\ 18900^{**} \\ 19850 \\ 18.24 \\ 18900^{**} \\ 1800^{**} \\ 1800^{**} \\ 18100^{**} \\ 1375^{**} \\ 12100 \\ 22100 \\ 0 \\ 21150^{**} \\ 22500 \\ 14325 \\ 014325 \\ 0975 \\ 22300 \\ 14325 \\ 0975 \\ 22300 \\ 14714 \\ 8236 \\ 22000^{**} \\ 1375^{**} \\ 10250 \\ 14714 \\ 8236 \\ 22000^{**} \\ 13764^{**} \\ 10250 \\ 14714 \\ 4536 \\ 18300^{**} \\ 13764^{**} \\ 19250 \\ 14714 \\ 4536 \\ 17900 \\ 14714 \\ 17900 \\ 14714 \\ 17900 \\ 14714 \\ 17900 \\ 14714 \\ 17900 \\ 14714 \\ 17900 \\ 14714 \\ 17900 \\ 14714 \\ 17400 \\ 14714 \\ 17400 \\ 14714 \\ 17400 \\ 14325 \\ 3075 \\ 16450^{**} \\ 13754^{**} \\ 1000 \\ 17900 \\ 14325 \\ 10250 \\ 17400 \\ 14325 \\ 10250 \\ 17400 \\ 14325 \\ 10250 \\ 17400 \\ 14325 \\ 10250 \\ 17400 \\ 14325 \\ 10250 \\ 17400 \\ 14325 \\ 10250 \\ 17400 \\ 14325 \\ 10250 \\ 17400 \\ 14325 \\ 10250 $		2020 to 5th	09-17		800			4886			
$\mathbf{NR} = \begin{bmatrix} 4 & \frac{18900^{**}}{18.24} & \frac{18100^{**}}{19850} & \frac{18100^{**}}{19250} & \frac{13764^{**}}{14325} & \frac{1}{4725} \\ & \frac{18900^{**}}{18100^{**}} & \frac{13764^{**}}{13375^{**}} & \frac{1}{16750^{**}} \\ & \frac{21150^{**}}{223750} & \frac{21300}{14325} & \frac{14325}{6975} \\ & \frac{20350^{**}}{13375^{**}} & \frac{1}{13764^{**}} & \frac{1}{17250^{**}} \\ & \frac{20050}{12900^{**}} & \frac{1}{22950} & \frac{14714}{14714} & \frac{8236}{4536} \\ & \frac{18300^{**}}{17750^{**}} & \frac{13764^{**}}{17400} & \frac{1}{14714} & \frac{1}{3186} \\ & \frac{16450^{**}}{13756^{**}} & \frac{1}{17400} & \frac{1}{14255} \\ & \frac{1}{17250^{**}} & \frac{1}{16450^{**}} & \frac{1}{13764^{**}} & \frac{1}{16450^{**}} & \frac{1}{13764^{**}} \\ & \frac{1}{17250^{**}} & \frac{1}{16450^{**}} & \frac{1}{1375^{**}} & \frac{1}{16450^{**}} & \frac{1}{1375^{**}} \\ & \frac{1}{16450^{**}} & \frac{1}{1375^{**}} & \frac{1}{16450^{**}} & \frac{1}{1375^{**}} & \frac{1}{16450^{**}} & \frac{1}{13764^{**}} & \frac{1}{17400} \\ & \frac{1}{17250^{**}} & \frac{1}{16450^{**}} & \frac{1}{1375^{**}} & \frac{1}{16950^{**}} & \frac{1}{13764^{**}} & \frac{1}{17400} & \frac{1}{14714} & \frac{1}{4536} & \frac{1}{18300^{*}} & \frac{1}{17400} & \frac{1}{14714} & \frac{1}{4536} & \frac{1}{18300^{**}} & \frac{1}{17400} & \frac{1}{14714} & \frac{1}{4536} & \frac{1}{18300^{**}} & \frac{1}{17400} & \frac{1}{14714} & \frac{1}{4536} & \frac{1}{16450^{**}} & \frac{1}{17400} & \frac{1}{14$		-		19850		19050	14714				
$\mathbf{NR} = \begin{bmatrix} 18-24 \\ 18-20 \\ 12100 \\ 21150^{**} \\ 22100 \\ 21150^{**} \\ 22100 \\ 21150^{**} \\ 22100 \\ 21150^{**} \\ 223750 \\ 22800^{**} \\ 22800^{**} \\ 22950 \\ 14714 \\ 8236 \\ 22000^{**} \\ 13764^{**} \\ 19250 \\ 14714 \\ 4536 \\ 18300^{**} \\ 13764^{**} \\ 17900 \\ 14714 \\ 3186 \\ 16950^{**} \\ 13764^{**} \\ 17400 \\ 14714 \\ 2686 \\ 1750 \\ 1870 \\ 1870 \\ 1870 \\ 1870 \\ 1750^{**} \\ 1820 \\ 1870 \\ 1740 \\ 1740 \\ 14714 \\ 1740 \\ 14325 \\ 16450^{**} \\ 13764^{**} \\ 1740 \\ 14325 \\ 16450^{**} \\ 13764^{**} \\ 1740 \\ 14325 \\ 16450^{**} \\ 1375^{**} \\ 16450^{**} \\ 1375^{**} \\ 16450^{**} \\ 1375^{**} \\ 16450^{**} \\ 1375^{**} \\ 19250 \\ 14714 \\ 2686 \\ 1750^{**} \\ 19250 \\ 14714 \\ 1740 \\ 14325 \\ 3075 \\ 19250 \\ 14714 \\ 4536 \\ 18300^{**} \\ 1375^{**} \\ 19250 \\ 14714 \\ 4536 \\ 18300^{**} \\ 13764^{**} \\ 17900 \\ 14714 \\ 1386 \\ 18300^{**} \\ 13764^{**} \\ 1790 \\ 14714 \\ 3186 \\ 16950^{**} \\ 13764^{**} \\ 1740 \\ 14714 \\ 2686 \\ 14714 \\ 14$				17-18					4336		
$\mathbf{NR} = \begin{bmatrix} 6^{\text{th}} \text{February} \\ 2020 \\ 2$			18-24					4725			
$\mathbf{NR} = \begin{bmatrix} 00.06 & 21150^{**} \\ 213750 & 233750 \\ 06.07 & 22800^{**} \\ 22900^{*} & 233750 \\ 22800^{**} & 23375^{**} \\ 22950 & 14714 \\ 8236 \\ 22000^{**} & 13764^{**} \\ 19250 & 14714 \\ 4536 \\ 17900 & 14714 \\ 3186 \\ 16450^{**} & 13764^{**} \\ 17400 & 14714 \\ 17400 & 14714 \\ 16450^{**} & 13764^{**} \\ 17400 & 14325 \\ 18204 \\ 18200 \\ 1824 \\ 17200^{*} & 16450^{**} & 13375^{**} \\ 18200 \\ 1824 \\ 17200^{*} & 16450^{**} & 13375^{**} \\ 16450^{**} & 13375^{**} \\ 16450^{**} & 13375^{**} \\ 100 & 14325 $											
$\mathbf{NR} \begin{array}{ c c c c c c c c c c c c c c c c c c c$			00-06	-06				6975			
$\mathbf{NR} = \begin{bmatrix} 06-07 & 22800^{**} \\ 22800^{**} & 22800^{**} \\ 07-09 & 19100^{**} \\ 19250 & 14714 & 4536 \\ \hline 19250 & 14714 & 4536 \\ \hline 19250 & 14714 & 3186 \\ \hline 19250 & 14714 & 3186 \\ \hline 19250 & 14714 & 3186 \\ \hline 17900 & 14714 & 2686 \\ \hline 171-18 & 18200 \\ 17-18 & 18200 \\ \hline 17-18 & 18200 \\ \hline 18-24 & 18700 & 14325 \\ \hline 16450^{**} & 13375^{**} & 3075 \\ \hline 16450^{**} & 13375^{**} & 3575 \\ \hline 16950^{**} & 13375^{**} & 3575 \\ \hline 16950^{**} & 13375^{**} & 3575 \\ \hline 19250 & 14714 & 4536 \\ \hline 17900 & 14325 \\ \hline 19250 & 14714 & 4536 \\ \hline 18300^{**} & 13764^{**} & 19250 \\ \hline 19250 & 14714 & 4536 \\ \hline 18300^{**} & 13764^{**} & 17900 \\ \hline 19250 & 14714 & 3186 \\ \hline 18300^{**} & 13764^{**} & 17900 \\ \hline 17750^{**} & 18200 \\ \hline 17750^{**} & 13764^{**} & 11700 \\ \hline 17100 & 14714 \\ \hline 19250 & 14714 \\ \hline 19250 & 14714 \\ \hline 19250 & 14714 \\ \hline 17400 & 14714 \\ \hline 17400 & 14714 \\ \hline 2686 \\ \hline 1650^{**} & 13764^{**} \\ \hline 17400 & 14714 \\ \hline 2686 \\ \hline 1650^{**} & 13764^{**} \\ \hline 17400 & 14714 \\ \hline 2686 \\ \hline 1650^{**} & 13764^{**} \\ \hline 17400 & 14714 \\ \hline 2686 \\ \hline 1650^{**} & 13764^{**} \\ \hline 17400 & 14714 \\ \hline 17400 & 14714 \\ \hline 18201 \\ \hline 1740 & 14714 \\ \hline 18201 \\ \hline 1740 & 14714 \\ \hline 18201 \\ \hline 18201 \\ \hline 1740 & 14714 \\ \hline 18201 \\ \hline 1740 & 14714 \\ \hline 1820 & 14714 \\ \hline 1820 \\ \hline 1740 & 14714 \\ \hline 1820 & $											
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			06-07	22800**		22000**		8236			
NR 2020 $09-17$ 18700 17900 14714 3186 $17750**$ $17750**$ 17400 14714 3186 $16950**$ $33764**$ $17-18$ $17250**$ $16450**$ $13764**$ 2686 $16450**$ $13764**$ $18-24$ $17250**$ $16450**$ $13764**$ 2686 $16450**$ 3075 $18-24$ $17250**$ $16450**$ $13375**$ 3075 $16450**$ $13375**$ $00-06$ 18700 17900 14325 3575 $16950**$ $13375**$ 19250 14714 4536 19250 14714 4536 19250 14714 4536 119250 14714 4536 12020 to 20th $09-17$ 18700 $09-17$ $17750**$ 109250 14714 4536 17900 14714 4536 117900 14714 4536 $17750**$ $17750**$ $17750**$ 17700 14714 4536 17400 14714 4536 <td< td=""><td></td><td></td><td>07-09</td><td>20050</td><td>°</td><td>19250</td><td>14714</td><td>4536</td><td></td><td></td></td<>			07-09	20050	°	19250	14714	4536			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	NR	-		800							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		2020	09-17					3186			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$								2686			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				18200		17400	14325	3075			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			00-06					3575			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											
7th February 18700 14714 3186 2020 to 20th 09-17 800 17900 14714 3186 February 2020 17750** 16950** 13764** 18200 17-18 17250** 16450** 13764** 2686			06-09					4536			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		7th February									
17-18 2686 17250** 16450** 13764**		2020 to 20th	09-17	17750**	800	16950**	13764**	3186			
17250** 16450** 13764**				18200		17400	14714				
			17-18					2686			
18-24 18200 17400 14325 18-24 17250** 16450** 13375**			18-24					3075			

			22100		21300	14325			
		00-06	22100		21300	14323	6975		
		00 00	21150**		20350**	13375**	0975		
			23750		22950	14714			1
		06-09					8236		
			22800**		22000**	13764**			_
	21st February		22100		21300	14714			
NR	2020 to 29th	09-17		20250**	1076444	6586			
	February 2020		21150**		20350**	13764**			-
		17-18	21550		20750	14714	6036		
		1/-10	20600**		19800**	13764**	0030		
			21550		20750	14325			-
		18-24					6425		
			20600**		19800**	13375**			
	1st February	00-17	1570		1525		1191		
NER		17-23	1150	45	1105	334	771		-
	February 2020	23-24	1570		1525		1191		
WR									-
	1st February	00-06	12900		12150	6698	5452		
	2020 to 4th	06-18	12900	750	12150	6783	5367		1
	February 2020	18-24	12900		12150	6698	5452		1
		00-06	12900		12150	6698	5452		
	5th February	06-730	12900	750	12150	6698	5452		
	2020 and 6th February 2020	730-18	11950	750	11200	6783	4417		1
	1001001 2020	18-24	11950		11200	6698	4502		
	74h E al	00-06	12900		12150	6698	5452		
SR	7th February 2020	06-18	12900	750	12150	6783	5367		
	2020	18-24	12900		12150	6698	5452		
		00-06	12900		12150	6698	5452		
	8th February	06-830	12900	750	12150	6783	5367]
	2020	830-18	12600	750	11850	6783	5067	-300	Revised due to shutdown of
		18-24	12600		11850	6698	5152	-300	400kV Angul-Bolangir line.
	9th February	00-06	12900		12150	6698	5452		
	2020 to 29th	06-18	12900	750	12150	6783	5367]
	February 2020	18-24	12900		12150	6698	5452		7

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

**Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

* For approving STOA Bilateral transactions, margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the following ratio:

Margin in Simultaneous import of NR = A WR-NR ATC =B ER-NR ATC = C

Margin for WR-NR applicants = A * B/(B+C)

Margin for ER-NR Applicants = A * C/(B+C)

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of SR Import has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.

In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka by taking appropriate measures.

Simultaneous Export Capability

Corrido r	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments		
	1 st February	00-06	4500		3800	388	3412				
NR*	1st February 2020 to 29th February 2020	06-18	4300	4500 700 4500	3800	553	3247				
		18-24	4500		3800	388	3412				
	1 of Follows are	00-17	2770	45	2725	0	2725				
NER	1st February 2020 to 29th February 2020	17-23	2700		2655		2655				
	reordary 2020	23-24	2770		2725		2725				
WR											
SR *	1st February 2020 to 29th February 2020	00-24		No limit is being Specified.							
transaction	* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve). Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section										

Limiting Constraints (Corridor wise)

_		Applicable Revisions		
Corridor	Constraint			
WR-NR	n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overlaoding of 765 kV Aligarh - Gr. Noida Line	Rev- 0 to 8		
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 8		
ER-NR	 N-1 contingencies of 400 kv Mejia-Maithon A S/C N-1 contingencies of 400 kv Kahalgaon-Banka S/C N-1 contingencies of 400kV MPL- Maithon S/C 	Rev- 0 to 8		
	n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT			
	n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT	Rev- 0 to 4		
WR-SR and ER-	Low Voltage at Gazuwaka (East) Bus.			
SR	n-1 contingency of one ckt of 765 kV Wardha - Nizamabad D/C will overload of the other ckt			
	n-1 contingency of one ckt of 765 kV Angul - Srikakulam D/C will overload of the other ckt	Rev- 5-8		
	Low Voltage at Gazuwaka (East) Bus.			
	N-1 contingency of 400 kV Silcher - Azara will lead to high Loading of 400 kV Silcher Killing Line	Rev- 0 to 4		
ER-NER	 a) N-1 contingency of 400 kV Azara-Bongaigaon b) High Loading of 220 kV Salakati-BTPS Double circuit (200 MW) 	Rev- 5- to 8		
	N-1 contingency of 400 kV Bongaigaon - Alipurduar I/II will lead to high Loading of 400 kV Silchar-Killing line	Rev- 0 to 4		
	b) High Loading of 400 kV Silchar-Killing line	Rev- 5 to 8		
W3 zone Injection		Rev- 0 to 8		

Limiting Constraints (Simultaneous)

			Applicable Revisions
	Import	 N-1 contingencies of 400 kv Mejia-Maithon A S/C N-1 contingencies of 400 kv Kahalgaon-Banka S/C N-1 contingencies of 400kV MPL- Maithon S/C 	Rev- 0 to 8
NR	I	n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overlaoding of 765 kV Aligarh - Gr. Noida Line	Rev- 0 to 8
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 8
	Import	N-1 contingency of 400 kV Silcher - Azara will lead to high Loading of 400 kV Silcher Killing Line	Rev- 0 to 4
NER		 a) N-1 contingency of 400 kV Azara-Bongaigaon b) High Loading of 220 kV Salakati-BTPS Double circuit (200 MW) 	Rev- 5 to 8
NEK	Export	N-1 contingency of 400 kV Bongaigaon - Alipurduar I/II will lead to high Loading of 400 kV Silchar- Killing line	Rev- 0 to 4
		 a) N-1 contingency of 400 kV Silchar- Azara b) High Loading of 400 kV Silchar-Killing line 	Rev- 5 to 8
		n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT Low Voltage at Gazuwaka (East) Bus.	Rev- 0 to 4
SR	Import	n-1 contingency of one ckt of 765 kV Wardha - Nizamabad D/C will overload of the other ckt	
		n-1 contingency of one ckt of 765 kV Angul - Srikakulam D/C will overload of the other ckt	Rev- 5 to 8
		Low Voltage at Gazuwaka (East) Bus	1

National Load Despatch Centre	
Total Transfer Capability for February 2020	

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	18th November 2019	Whole Month	Revised STOA margin due to 4.2 MW LTA and 19.76 MW MTOA to Assam from GIWEL	ER-NER/Import of NER
			Revised STOA margin due to the following. Operationalization of following LTAs:-	
2	29th November 2019	Whole Month	a) AGEMPL to UPPCL – 40 MW b) GIWEL_SECI-III_RE to Punjab – 112 MW c) SEISPPL_MP to TPDDL – 90 MW	WR-NR/Import of NR
			Revision in LTA quantum of following:- a) INOX to UPPCL – 100 MW to 50 MW b) RPL-SECI-II-RE to UPPCL – 34.5 MW to 73.8 MW	
			c) RPL-SECI-II-RE to Punjab – 73.8 MW to 100 MW	
3	31st December 2019	Whole Month	 Revised STOA margin due to the following:- a) Operationalization of 10 MW LTA from AGEMPL (Wind, Bhuj) to Noida Power Company Limited (UP) b) Change in LTA quantum from GIWEL_SECI-III_RE (Wind, Bhuj) to Punjab from 112 MW to 117.6 MW 	WR-NR/Import of NR
4	28th January 2020	I Whole Month IProject (o Five Pyt Itd (SR-Payagada) to IPP(1		WR-NR/Import of NR
		1st Feb 2020 to 5th Feb 2020	in LTA quantum to Punjab from 100 MW to 73.8 MW Reduction in TTC/ATC due to planned outage of HVDC Champa - Kurukshetra Pole - 3	WR-NR/Import of NR
5	31st January 2020	Whole Month	Increment in TTC/ATC after commissioning of 765 kV Vemagiri - C'peta D/C	WR-SR/ER-SR and Import of SR
	2020	Whole Month	Revision in TTC/ATC due to the following:- a) Addition of 400/220/33 kV, 315 MVA ICT-I at BgTPP b) Addition of 132 kV Imphal (PG)-Imphal (MA) III Line c) Change in Load-Generation of NER.	ER-NER/NER- ER/Import and Export of NER
6	4th Feb 2020	5th Feb 2020 to 6th Feb 2020	Revised due to shutdown of 765kV Sholapur-Raichur-2 on daily basis	WR-SR/Import of SR
7	4th Feb 2020	6th Feb 2020 to 20th Feb 2020	Revised TTC due to planned shutdown of HVDC Champa Kurukshetra Pole-1 and pole-2 for Pole-4 Commissioning works	WR-NR/Import of NR
8	7th Feb 2020	8th Feb 2020	Revised due to shutdown of 400kV Angul-Bolangir line.	ER-SR/Import of SR

ASSUN	MPTIONS IN BASECASE					
				Month : February'20		
S.No.	Name of State/Area		Load	Generation		
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)	
I	NORTHERN REGION					
1	Punjab	7599	5890	3210	3062	
2	Haryana	7641	6234	1734	1734	
3	Rajasthan	12211	13190	7832	7917	
4	Delhi	4871	3148	718	718	
5	Uttar Pradesh	15022	11878	7291	7060	
6	Uttarakhand	1932	1740	795	516	
7	Himachal Pradesh	1611	1299	326	185	
8	Jammu & Kashmir	2312	1548	629	582	
9	Chandigarh	280	169	0	0	
10	ISGS/IPPs	27	26	18744	12493	
	Total NR	53505	45123	41277	34265	
	EASTERN REGION					
1	Bihar	4630	3169	180	180	
2	Jharkhand	1157	921	362	319	
3	Damodar Valley Corporation	2639	2767	4562	3775	
4	Orissa	4109	2919	3433	2328	
5	West Bengal	7089	5422	4922	3829	
6	Sikkim	228	289	0	0	
7	Bhutan	181	171	336	281	
8	ISGS/IPPs	642	653	13227	9896	
	Total ER	20675	16312	27020	20608	
	WESTERN REGION					
1	Maharashtra	18648	11525	14482	8429	
2	Gujarat	14855	11988	9621	8308	
3	Madhya Pradesh	11528	7570	4796	3561	
4	Chattisgarh	4163	2967	2130	1960	
5	Daman and Diu	334	281	0	0	
6	Dadra and Nagar Haveli	819	727	0	0	
7	Goa-WR	539	382	0	0	
8	ISGS/IPPs	5215	4041	42739	34520	
5	Total WR	56100	39479	73768	56778	

S.No.	Name of State/Area		Load	Gener	ation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)	
IV	SOUTHERN REGION					
1	Andhra Pradesh	9394	7471	6562	5263	
2	Telangana	11208	9167	5151	4651	
3	Karnataka	9983	6396	7776	3862	
4	Tamil Nadu	15174	12676	6747	5897	
5	Kerala	3993	2952	1557	690	
6	Pondy	334	294	0	0	
7	Goa-SR	65	58	0	0	
8	ISGS/IPPs	0	0	17375	12129	
	Total SR	50152	39014	45168	32492	
V	NORTH-EASTERN REGION					
1	Arunachal Pradesh	144	89	0	0	
2	Assam	1538	1084	234	206	
3	Manipur	187	93	0	0	
4	Meghalaya	331	202	200	115	
5	Mizoram	105	67	32	20	
6	Nagaland	125	79	12	0	
7	Tripura	210	128	99	99	
8	ISGS/IPPs	0	0	2016	1619	
	Total NER	2640	1742	2593	2058	
	Total All India	183654	142178	190386	146626	